

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 241205US2CRL
		First Inventor or Application Identifier Michael Philip FITTON, et al.
		Title CHANNEL ESTIMATION APPARATUS AND METHODS
		Assignee Name: Kabushiki Kaisha Toshiba Assignee Address: 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

PTO  
03941 U.S.  
10/634854  
08/06/03

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents</small>		Commissioner for Patents ADDRESS TO: Mail Stop Patent Application Alexandria, Virginia 22313
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small>		<b>ACCOMPANYING APPLICATION PARTS</b>
2. <input checked="" type="checkbox"/> Specification	Total Sheets <input type="text" value="47"/>	7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113)	Total Sheets <input type="text" value="5"/>	8. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76
4. <input type="checkbox"/> Oath or Declaration	Total Pages <input type="text"/>	9. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <small>(when there is an assignee)</small> <input type="checkbox"/> Power of Attorney
a. <input type="checkbox"/> Newly executed (original or copy)		10. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>
b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d)) <i>(for continuation/divisional with box 17 completed)</i>		11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations (2)
i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).</small>		12. <input type="checkbox"/> Preliminary Amendment
5. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)		13. <input checked="" type="checkbox"/> White Advance Serial No. Postcard
6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>		14. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
a. <input type="checkbox"/> Computer Readable Form (CRF)		15. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27</i>
b. Specification or Sequence Listing on :		16. <input checked="" type="checkbox"/> Other: British Combined Search and Examination Report
i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or		
ii. <input type="checkbox"/> Paper		
c. <input type="checkbox"/> Statements verifying identity of above copies		

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

Continuation     Divisional     Continuation-in-part (CIP)    of prior application no.:

Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

This application is a  Continuation     Division     Continuation-in-part (CIP)  
of application Serial No. Filed on

This application claims priority of provisional application Serial No. Filed

**19. CORRESPONDENCE ADDRESS**



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16179 U.S. PRO  
08/00/03

Packet No. 241205US2CRL

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTOR(S) Michael Philip FITTON, et al.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: CHANNEL ESTIMATION APPARATUS AND METHODS

**FEE TRANSMITTAL**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	66 - 20 =	46	x \$18 =	\$828.00
INDEPENDENT CLAIMS	9 - 3 =	6	x \$84 =	\$504.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$280 =	\$0.00
<input checked="" type="checkbox"/> LATE FILING OF DECLARATION			+ \$130 =	\$130.00
			BASIC FEE	\$750.00
			TOTAL OF ABOVE CALCULATIONS	\$2,212.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
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			TOTAL	\$2,212.00

Please charge Deposit Account No. 15-0030 in the amount of A duplicate copy of this sheet is enclosed.  
 A check in the amount of **\$2,212.00** to cover the filing fee is enclosed.  
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 The Director is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check or credit card payment form is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
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